

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

23911

7590

11/01/2004

CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300 EXAMINER HURLEY, KEVIN

ART UNIT

PAPER NUMBER

3611

DATE MAILED: 11/01/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,357	07/11/2003	Peter Reutlinger		028987.52350US	1520
TITLE OF INVENTION: TO	OWING DEVICE				

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	02/01/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

appropriate. All further con indicated unless corrected i maintenance fee notification	rrespondence including the l below or directed otherwise ns.	Patent, advance or in Block 1, by (a)	ters and notification	n of maintenance fees correspondence address	nired). Blocks I through 5 swill be mailed to the current and/or (b) indicating a separate	correspondence address as arate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block I for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying			
23911 7:	590 11/01/2004			papers. Each addition have its own certificat	al paper, such as an assignmente of mailing or transmission.	ent or formal drawing, must	
CROWELL & M	IORING LLP			Се	rtificate of Mailing or Trans	smission	
	PROPERTY GROUP			I hereby certify that to States Postal Service	his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the c	g deposited with the United st class mail in an envelope	
P.O. BOX 14300				addressed to the Ma	il Stop ISSUE FEE address	above, or being facsimile	
WASHINGTON, I	DC 20044-4300			Tansmitted to the object	110 (105) 140 4000; 611 410 0	(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/617,357	07/11/2003		Peter Reutling	er	028987.52350US	1520	
FITLE OF INVENTION: T				-			
ITTLE OF INVENTION: I	OWING DEVICE						
APPLN. TYPE	SMALL ENTITY	ISSUE FI	GE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO NO	\$1370		\$300	\$1670	02/01/2005	
<u>-</u> <u>-</u>					٦.	. 02/01/2003	
	MINER	ART UN	IT	CLASS-SUBCLASS	J		
. HURLEY	Y, KEVIN	3611		280-491300			
1. Change of correspondenc CFR 1.363).	e address or indication of "F	ee Address" (37		n the patent front page, l	4.		
_ ´	dence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys important or agents OR, alternatively,				
Address form PTO/SB/1	22) attached.	-	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to				
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorn 2 registered pate listed, no name v	nt attorneys or agents. I	nes of up to f no name is 3		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (prin	t or type)			
PLEASE NOTE: Unless recordation as set forth in	s an assignee is identified be n 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear on Ta substitute for fil	the patent. If an assiging an assignment.	nee is identified below, the c	document has been filed for	
(A) NAME OF ASSIGN	IEE	(B) RESIDENCE: (C	ITY and STATE OR CO	OUNTRY)		
			•				
						-	
	e assignee category or catego				Corporation or other private gr	roup entity Government	
4a. The following fee(s) are	enclosed:	46	Payment of Fee(s)				
_			_	A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached.			
	f Copies		The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # 0	- Copies		Deposit Account N	lumber	(enclose an extra c	copy of this form).	
_ •	(from status indicated above	•		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		TTD 1 22(-)(2)	
	MALL ENTITY status. See		<u> </u>		ALL ENTITY status. See 37 C		
NOTE: The Issue Fee and Finterest as shown by the rec	ords of the United States Pat	will not be accepted ent and Trademark	I from anyone other Office.	than the applicant; a reg	sly paid issue fee to the applic gistered attorney or agent; or t	the assignee or other party in	
Authorized Signature				Date			
Typed or printed name _				Registratio	n No		
This collection of informati	on is required by 37 CFR 1.3	11. The information	n is required to obt	ain or retain a benefit by	the public which is to file (an	nd by the USPTO to process)	
an application. Confidential submitting the completed a	lity is governed by 35 U.S.C pplication form to the USPT	. 122 and 37 CFR O. Time will vary	1.14. This collection depending upon the	n is estimated to take 12 e individual case. Any o	minutes to complete, includi comments on the amount of t	ng gathering, preparing, and ime you require to complete	
this form and/or suggestion Box 1450, Alexandria, Virg	s for reducing this burden, sl ginia 22313-1450. DO NOT	hould be sent to the SEND FEES OR (Chief Information COMPLETED FOR	Officer, U.S. Patent and MS TO THIS ADDRES	the public which is to file (an minutes to complete, includi comments on the amount of tid Trademark Office, U.S. DepSS. SEND TO: Commissioner	for Patents, P.O. Box 1450,	

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,357 07/11/2003		Peter Reutlinger	028987.52350US	1520
23911	7590 .11/01/2004		EXAM	INER
CROWELL & MORING LLP		HURLEY, KEVIN		
P.O. BOX 1430	AL PROPERTY GROUP 0		ART UNIT	PAPER NUMBER
	N, DC 20044-4300		3611	<u> </u>
			DATE MAILED: 11/01/200	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspfo.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,357	07/11/2003	Peter Reutlinger	028987.52350US	1520
23911	7590 11/01/2004		EXAM	INER
CROWELL & MORING LLP		HURLEY, KEVIN		
P.O. BOX 1430	AL PROPERTY GROUP		ART UNIT	PAPER NUMBER
	N, DC 20044-4300	•	3611	
			DATE MAILED: 11/01/2004	4

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

By a small entity (Sec. 1.27(a))	\$685.00
By other than a small entity	\$1,370.00
(b) Issue fee for issuing a design patent:	
By a small entity (Sec. 1.27(a))	\$245.00
By other than a small entity	\$490.00
(c) Issue fee for issuing a plant patent:	
By a small entity (Sec. 1.27(a))	\$330.00
By other than a small entity	\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.